

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: Not Yet Assigned	:	
Examiner: Not Yet Assigned	:	
	:	IMPROVEMENTS IN ATOM OR GROUP
In re Application of	:	TRANSFER RADICAL POLYMERIZATION
Matyjaszewski et al.	:	
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Serial No.: Not Yet Assigned	:	
	:	
Filed: Concurrently Herewith	:	

INFORMATION DISCLOSURE STATEMENT

February 18, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

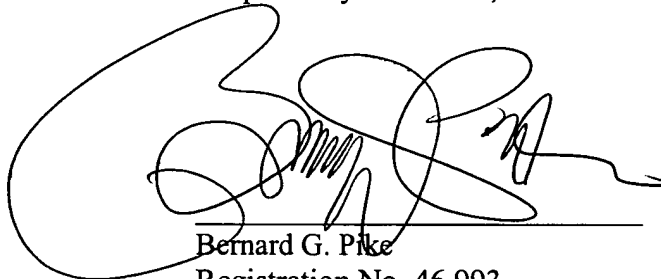
Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying Form PTO/SB/08 *Information Disclosure Statement by Applicant* (substitute for Form 1449A/PTO). A copy of each of the cited references is herewith enclosed.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement by Applicant* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement by Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,



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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Matyjaszewski
				Art Unit	Not Yet Assigned
Examiner Name					
Sheet	1	of	5	Attorney Docket Number	00169DIV3CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		3,183,217	05/11/1965	Semiuk, et al.	
		3,959,225	05/25/1976	Kuntz	
		4,007,165	02/08/1977	MacLeay, et al.	
		4,374,751	02/22/1983	Dudgeon	
		4,728,706	03/01/1988	Farnham, et al.	
		4,940,648	07/10/1990	Geiger	
		4,954,416	09/04/1990	Wright, et al.	
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		5,451,647	09/19/1995	Faust, et al.	
		5,470,928	11/28/1995	Harwood, et al.	
		5,510,307	04/23/1996	Narayanan, et al.	
		5,763,548	06/09/1998	Matyjaszewski, et al.	
		5,789,487	08/04/1998	Matyjaszewski, et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0341012	11/08/1989			
		EP 0870809	10/14/1998			
		WO 00/56795	09/28/2000			
		WO 98/01480	01/15/1998			

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		5,807,937	09/15/1998	Matyjaszewski, et al.	
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		6,627,314	09/30/2003	Matyjaszewski, et al.	

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		United States Patent application No 10/269,556 filed October 11, 2002. Attorney Docket No. 010686	
		United States Patent application No. 09/359,359 filed July 23, 1999. Attorney Docket No. 00169DIV3	
		United States Patent application No. 09/534,827 filed March 23, 2000 Attorney Docket No. 00093	
		United States Patent application No. 09/972,056 filed October 5, 2001. Attorney Docket No. 00819	
		United States Patent application No. 10/034,908 filed December 21, 2001. Attorney Docket No. 001153	
		United States Patent application No. 10/118,519 filed April 6, 2002. Attorney Docket No. 010314	
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		United States Patent application No. 10/289,545 filed November 7, 2002. Attorney Docket No. 00163DIVCON	
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		DOROTA GRESZTA ET AL., "Gradient Copolymers of Styrene and Acrylonitrile Via Atom Transfer Radical Polymerization", Polymer Preprints, April 1997, pages 709-710, Vol 38(1).	

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		GROMADA, J.; MATYJASZEWSKI, K. Macromolecules 2001, 34, 7664-7671.	
		JIN-SHAN WANG AND KRZYSZTOF MATYJASZEWSKI, "Controlled/Living" Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes". Reprinted from the Journal of the American Chemical Society, 1995, Vol. 117, No. 20.	
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		MINGLI WEI, JIANHUI XIA, NANCY E. MCDERMOTT AND KRZYSZTOF MATYJASZEWSKI, "Atom Transfer Radical Polymerization of Styrene in the Presence of Iron Complexes", Polymer Preprints, 38(2), 231 (1997), Department of Chemistry, Carnegie Mellon University.	
		QIU, J.; MATYJASZEWSKI, K; THOUIN, L.; AMATORE, C. MACROMOL. Chem. Phys. 2000, 201, 1625-1631.	
		QUEFFELEC, J.; GAYNOR, S.G.; MATYJASZEWSKI, K. Macromolecules 2000, 33, 8629-8639.	

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		SIMION COCA, CHRISTINA B. JASIECZEK, KATHRYN L. BEERS AND KRZYSZTOF MATYJASZEWSKI, "Polymerization of Acrylates by Atom Transfer Radical Polymerization. Homopolymerization of 2-Hydroxyethyl Acrylate", Journal of Polymer Science, 1998, pp.1417-1424, Vol. 36, Part A: Polymer Chemistry.	
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		U. SCHUBERT ET AL., "Design of Effective Systems for Controlled Radical Polymerization of Styrene: Application of 4,4'-Dimethyl and 5,5'-Dimethyl 2,2'-Bipyridine Copper(ii) Complexes", Macromol. Rapid Commun., Vol. 20, No. 6, pp. 351-355, 1999.	
		WANG ET AL., "Living"/Controlled Radical Polymerization, Transition-Metal-Catalyzed Atom Transfer Radical Polymerization in the Presence of a Conventional Radical Initiator", Macromolecules, 1995, Vol. 28, pp. 7572-7573.	
		WANG, J.-S.; MATYJASZEWSKI, K., J. Am. Chem. Soc. 1995, 117, 5614-5615.	
		XIA J. AND MATYJASZEWSKI K., "Controlled/ "Living" Radical Polymerization. Homogenous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator," Macromolecules, 1997, pp. 7692-7696, vol. 30.	

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